

PRABHU K S

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D O B : 31-07-1989
Gender : Male
Marital Status : Married
Nationality : Indian
Father's Name : Shivanna B
Permanent Address : Kumathi-Post, Kudligi-Tq,
Bellary-Dist, 583 126,
Karnataka, India.



Career Objective

To be a part of an Technical Institution that provides me with an opportunity to update my knowledge and Research skills in accordance with the latest trends thereby working dynamically towards the growth of the Institution in the field of Mechanical Engineering, Research & Developments activities.

Total Work Experience

9 Years 5 Months

Organization/Institute	Designation	From	To	Duration
K S School of Engineering & Management, Bengaluru	Assistant Professor	03-08-18	Till date	4 Years 5 Months
Nagarjuna College of Engineering & Technology, Bengaluru	[Mechanical Engg. Dept.]	03-08-15	02-08-18	3 Years
Propulsion Division, CSIR-NAL, Bengaluru	M.Tech - [Project Work]	14-10-14	30-05-15	
Aviohelitronics Info System Private Limited, Bengaluru.	Design Engineer (Airbus-A380)	02-11-11	12-10-13	2 Years

Technical & Educational Qualification

Specialization	School /College	Board / University	Year of Passing	Percentage (%) & Class
M Tech - Thermal Power Engineering	Sri Venkateshwara College of Engineering, Bangalore	VTU Belgaum	July 2015	76.70 FCD
BE - Mechanical Engineering	Government Engineering College, Raichur		June 2011	68.44 FC
Diploma - Mechanical Engg.	T.M.A.E'S Polytechnic, Hospet	DTE Bengaluru	May 2008	66.56 FC
SSLC	S.K.D.D.V High School, Hosahalli, 583 218	KSSEB Bengaluru	March 2005	75.52 FC

Software Skills

VM Ware Work Station (SAP ECC R/3 6.0) (SAP MM/SD)
Ansys Workbench, Ansys Fluent, Solid Edge, HyperMesh, Solid Works.
MAT Lab, SCI lab, Rlab, RT Tool Box 2.
Auto CAD 2000, PRO/E –2001, CNC Turning and Milling.

AREA OF INTEREST:

Heat Pipes, Thermal Power Engineering, Alternative fuels, Refrigeration & Air-conditioning and Gas Turbine.

CURRENT JOB PROFILE:

- ❖ Successfully Handled Mechanical Engineering Subjects (VTU & Autonomous).
- ❖ Online platform uses [ZOOM, M S TEAMS, GOOGLE MEET, WEBEX]

Sl. No	Theory's	Practical's
KSSEM (VTU)		
1.	Fluid Mechanics (1)	Internship Coordinator (4)
2.	Non Conventional Energy Sources (2)	Energy Lab (Staff Incharge) (4)
3.	Energy Engineering (5)	Engineering Graphics Laboratory (2)
4.	Energy & Environment (2)	Heat Transfer Laboratory (4)
5.	Elements of Mechanical Engineering (5)	Project Guided (04 Batches)
6.	Heat Transfer (1)	
7.	Engineering Graphics (2)	
NCET (VTU)		
1.	Heat and Mass Transfer	Heat and Mass Transfer Laboratory
2.	Hydraulics & Pneumatics	Energy Conversion Laboratory
3.	Biomass Energy System	Fluid Mechanics & Machinery Laboratory
4.	Total Quality Management	Research and Development Laboratory
5.	Operation Research	Design Laboratory
NCET (AUTONOMOUS)		
1.	Refrigeration and Air-Conditioning (Course Co ordinator)	Fluid Mechanics & Machinery Laboratory (Staff Incharge)
2.	Power Plant Engineering (Course Co ordinator)	Robotics Laboratory
		Computer Aided Machine Drawing
3.	Automobile Engineering – II (Course Co ordinator)	Machine Shop Laboratory
		R Lab
4.	Automobile Engineering – I	SCI Lab
Course Co-ordinator - Preparing Lesson Plan, CIE & SEE Question Papers setting and Scheme of evaluation, Valuating CIE & SEE Papers and Internal & External Practical Examiner for Autonomous.		

- ❖ Staff Incharge for VTU & VGST Sponsored Research and Development Laboratory, Working on Projects like [Hydrocarbon Refrigeration System, Solar Adsorption Cooling System, Alternative Refrigerants, Geo Thermal Cooling System & Bio-Diesel]
- ❖ Good co-ordination with Department and Management Committee for Implementation of Vision and Mission of the Institute.
- ❖ Department Committee Member for NAAC - (Criteria-3), NBA (Criteria-3), LIC, NSS & UGC.
- ❖ Implementation, handling assignment and organizing various Personality developments programs, Co-curricular and Extra Curricular programs.

- ❖ Successfully handled other Assignments like as Student Proctor.
- ❖ Projects Guided:UG-7

Research Publication:

Conference Papers: - 02

1. Development and Evaluation of an Adsorption Refrigeration System.

5th National Conference on Refrigeration and Air-Conditioning 2018 organized by Department of Mechanical Engineering, NITK in association with IITM, ISHRAE (Bangalore and Chennai Chapter) & ASHRAE, held during May 24-26, 2018.

2. Effect of Liner Holes Area on Small Gas Turbine Combustor Performance.

Conference Paper Published at National Conference on I.C Engines and Combustion, (24th NCICEC-2015). UPES/NCICEC/0087

Teacher of Excellence:-

100 % Result

Subject: - Energy Engineering

Energy and Environment (2021-22)

Non Conventional Energy Sources (2020-21 &2021-22)

Subject Code: - 15ME71, 17ME71 & 18ME81

Academic Year: - 2018-19, 2019-20, 2020-21, 2021-22

FDP, Workshops & Conferences Attended:-

Sl No.	FDP		
	Date	Topic	Organization
1.	09 Jan 2023 To 14 Jan 2023	Advanced Materials & Manufacturing Techniques – 2023 (AMMT-2023)	B M S Evening College of Engineering & Department of Industrial Engineering & Management, Bengaluru 560019
2.	17 March 2022 To 19 March 2022	Outcome Based Education	KSIT, Bengaluru
3.	21 Sept 2021 To 01 Oct 2021	Research Tools And Methodologies	Lendi Institute of Engineering and technology
4.	14 Dec 2020 To 19 Dec 2020	Recent Advances in Heating, Ventilation, Air-conditioning and Refrigeration	Department of Mechanical Engineering, NMIT, Bengaluru-64, Sponsored by AICTE-ISTE.
5.	27 July 2020 To 31 July 2020	Engineering analysis for Thermo fluids Research Challenges Using ANSYS	VTU, Department of Mechanical Engineering, Kalaburagi.

6.	27 July 2020 To 31 July 2020	Recent Advances and Trends in Mechanical Engineering and Material Science	Department of Mechanical Engineering, K S Institute of Technology, Bengaluru.
7.	20 July 2020 To 24 July 2020	Advances and Research in Mechanical Engineering	Department of Mechanical Engineering, K S School of Engineering and Management, Bengaluru.
8.	06 July 2020 To 10 July 2020	Recent Advances in Smart Materials for Sensors and Energy Applications	Organized by Department of Physics, BMS Institute of Technology and Management, Bengaluru
9.	09 June 2020 To 13 June 2020	Research Trends in Thermal Engineering – 2020 (Webinar)	Department of Mechanical Engineering, BITM, Ballari – 583 104
10.	22 July 2019 To 26 July 2019	An Overview of Teaching Techniques in Turbomachines	AICTE-VTU Joint Training Programme for Teachers, VTU Centre for Post Graduate Studies, Muddenahalli 562 101
11.	16 Jan 2019 To 18 Jan 2019	Aspects of Effective Programming and Research	Organized by K S Group of Institution in association with KSIT IEEE SB.
12.	30 Nov 2018 To 4 Dec 2018	Thoughtful Cooling	Department of Mechanical Engineering, NCET, Bengaluru in association with cBalance.
13.	17 Oct 2017	Flip Teaching	NCET, Bengaluru, in association with IEEE SSIT ES Joint Bengaluru Chapter
14.	16 Oct 2017	Project Based Learning	NCET, Bengaluru, in association with IEEE SSIT ES Joint Bengaluru Chapter.
15.	11 Sept 2017 To 16 Sept 2017	Robotics Simulation Software RT Toolbox - 2	NCET, Bengaluru, in association with Future Robotics & Automation
16.	04/03/2017	Infusion 2017	Organized by Institute of Industrial Design and CADD centre, Bengaluru.
17.	24 Nov 2016	Skills for Success – Communication and Relationship Skills	Department of Basic Science and Humanities, NCET, Bengaluru
18.	24 Sept 2016 To 28 Sept 2016	Scilab-An Open Source Programming Language	NCET, Bengaluru
19.	25 July 2016 To 30 July 2016	Advances in Mechanical Engineering	NCET Bengaluru, Supported by ISHRAE, Bengaluru Chapter
20.	20 Feb 2016 To	Applications of MATLAB for Mechanical Engineers	Sri Venkateshwara College of Engineering, Bengaluru in association with infIDOF

	21 Feb 2016		Solutions.
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Sl No.	Workshops		
	Date	Topic	Organization
1.	10 Oct 2022 To 11/10/2022	Creativity and Innovation for Engineers	Department of Mechanical Engineering , KSSEM, Bengaluru
2.	15 Feb 2022	Energy Efficient Cooling Buildings	BMS College of Engineering, Bengaluru 560019
3.	08 Feb 2020	Introduction to R and Data Science	Department of Computer Science and Engineering, KSSEM, Bengaluru. In Association With BITES
4.	10 June 2019 To 14 June 2019	Computational Methods for Partial Differential Equations using MATLAB	Department of Mathematics, BNMIT, Bengaluru, in association with BITES.
5.	6.18 Feb 2017 To 22 Feb 2017	R-Language	Department of Mathematics NCET, Bengaluru
6.	10 Mar 2016	Virtual Laboratory	NCET, Bengaluru, in association with Centre for System Design, NITK, Suratkal.

Sl. No.	Webinar/Conferences/Seminar		
	Date	Topic	Organization
1.	27 July 2020	Design Automation and Optimization Strategies for Mechanical Engineers	Department of Mechanical Engineering, University Visvesvaraya College of Engineering, Bengaluru
2.	13 July 2020	Advanced Feature of Microsoft Excel	Department of Electronics and Communication Engineering, KSSEM.
3.	09 July 2020	Journey of Entrepreneurship	SVCE, Bengaluru
4.	04 July 2020	Energy Transfer in Turbo Machine and Velocity Triangle	Department of Mechatronics Engineering, Acharya Institute of Technology, Bengaluru
5.	04 July 2020	Adversity Quotient: Shifting Adversities into Opportunities	Nagarjuna College of Engineering and Technology, Bengaluru.
6.	03 July 2020	Recent Advancements in Tool Life Analysis	Department of Mechanical Engineering, Vidyavardhaka College of Engineering, Mysuru.
7.	29 June 2020 To 01 July 2020	New Approaches in Mechanical Engineering	Department of Mechanical Engineering, JSS Academy of Technical Education, Noida.
8.	08 June 2020	Industry 4.0	Department of Mechanical Engineering,

	To 12 June 2020		NCET. Association with Institution's Innovation Council (IIC) and MHRD.
9.	10 June 2020	Overview of Aerospace Technical Publication	Department of Mechanical Engineering, KSSEM. In association with Bridge Now Academy.
10.	05 June 2020	Interrogation in MEMS, NEMS and Nano Technology	Department of Mechanical Engineering, Cambridge Institute of Technology, Bengaluru.
11.	05 June 2020	An Insight Into Fluid Machines in Mechanical and Civil Engineering	Department of Mechanical Engineering and Civil Engineering. SEA College of Engineering and Technology. Bangalore - 49
12.	24 May 2018 To 26 May 2018	Development and Evaluation of an Adsorption Refrigeration System (Presented)	5th National Conference on Refrigeration & Air Conditioning 2018, Department of Mechanical Engineering, NITK Suratkal In association with IIT Madras.
13.	17 Aug 2015 To 18 Aug 2015	Challenges and Opportunities in Cold Storage Technology	SVCE, Bengaluru in association with GKV, Bengaluru.

Sl No	QUIZ		
	Date	Topic	Organization
1.	03 Aug 2020	Fluid Power Systems	Department of Mechanical Engineering, ATME College of Engineering, Mysuru
2.	29 July 2020	Automobile Engineering	
3.	24 July 2020	Heat Transfer	Department of Mechanical Engineering, PESITM, Shivamogga
4.	23 July 2020	Connection – Online Mechanical Image Quiz	Department of Mechanical Engineering, AVC College of Engineering, Tamilnadu
5.	17 July 2020	Applied Thermodynamics	Department of Mechanical Engineering, ATME College of Engineering, Mysuru
6.	19 June 2020	Engineering Graphics	Department of Mechanical Engineering, B.L.D.E.Association's V.P. Dr P.G Halakatti College of Engineering and Technology, Vijayapur
7.	16 June 2020	Engineering Graphics	Aurora's Technological and Research Institute. Uppal, Hyderabad
8.	16 June 2020	CAED	School of Mechanical Engineering, REVA University, Bangalore 560 064
9.	15 June 2020	Renewable Energy Source	
10	15 June 2020	Biomaterials for Engineering Applications	

11.	13 June 2020	Intellectual Property Rights	Department of Mechanical Engineering, Navodaya Institute of Technology, Raichur
12.	06 June 2020	Kinematics of Mechanisms and Machines	School of Mechanical Engineering, REVA University, Bangalore 560 064
13.	06 June 2020	Dynamics of Machines	
14.	06 June 2020	MECH ZEAL	Department of Mechanical Engineering, V.P.Dr.P.G.Halakatti College of Engineering & Technology, Vijayapur
15.	06 June 2020	Management Studies	Bheemi Reddy Institute of Management Science, Alur Road, Adoni 518 301
16.	02 June 2020	Internal Combustion Engines	Bahubali College of Engineering, Shravanabelagola 573 135, Hassan

PROJECT WORK

M Tech Thermal Power Engineering: -

Title of the project: - **Design and CFD Analysis of Annular Combustor for Small Gas Turbine Engine Applications**, Under the Guidance of Muralidhara H S, Senior Principal Scientist, CSIR-NAL, Bangalore.

BE Mechanical Engineering: - Solar Powered Air Cooler

Diploma Mechanical Engineering: - Hydraulic Bearing Puller

Language Skills

English	: Read, Write, Speak
Kannada	: Read, Write, Speak
Hindi	: Read, Write, Speak
Telugu	: Read, Speak

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bengaluru

Date:

(PRABHU K S)